

In the Abstract

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ABSTRACT OF THE DISCLOSURE

A composite core nonlinear reactor comprising a first core member of high permeability material forming a continuous annular magnetic path, a second core member of high permeability material forming an annular magnetic path locally broken by an air gap, a magnetic shield plate of low permeability material exhibiting high conductivity and thermal conductivity being sandwiched by the first and second core member and integrated therewith, and a coil winding, wherein the annular magnetic paths of the first and second core members are juxtaposed while sandwiching the magnetic shield plate and the coil winding is wound to interlink with both annular magnetic paths commonly